

MC 1,5/10-ST-3,81

Order No.: 1803659

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1803659>

Plug component, nominal current: 8 A, rated voltage: 160 V, pitch:
3.81 mm, no. of positions: 10, type of connection: Screw connection

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918045968 |
| Pack | 50 Pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.007549 KG |
| Catalog page information | Page 126 (CC-2007) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

Dimensions / positions

| | |
|---------------------|----------|
| Height | 11.1 mm |
| Pitch | 3.81 mm |
| Dimension a | 34.29 mm |
| Number of positions | 10 |
| Screw thread | M 2 |

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|------------------------------------|--|
| Tightening torque, min | 0.22 Nm |
| Technical data | |
| Insulating material group | I |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 160 V |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 8 A (with 1.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 7 mm |

| | |
|--|----------------------|
| Connection data | |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 16 |
| 2 conductors with same cross section, solid min. | 0.08 mm ² |
| 2 conductors with same cross section, solid max. | 0.5 mm ² |

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|---|----------------------|
| 2 conductors with same cross section, stranded min. | 0.08 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |

Certificates / Approvals



CSA

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 8 A |
| AWG/kcmil | 28-16 |

CUL

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 8 A |
| AWG/kcmil | 30-14 |

UL

| | |
|--------------------------------|---------------------------------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 8 A |
| AWG/kcmil | 30-14 |
| Certification | CB, CSA, CUL, GOST, UL, VDE-PZI |

Accessories

| Item | Designation | Description |
|----------------|---------------|--|
| General | | |
| 1834424 | KGG-MC 1,5/10 | Cable housing, for cable diameters of 4 - 11 mm, clamp, marker strips and transparent label carrier are included, color: green, no. of positions: 10 |

Marking

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|---------|--------------------------|---|
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 0804109 | SK 3,81/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks |
| 0805056 | SK 3,81/2,8:SO | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 14 identical marker strips per card, max. 25-position labeling per strip, color: White |
| 0803883 | SK U/2,8 WH:UNBEDRUCKT | Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 50 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN |

Tools

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| 1205037 | SZS 0,4X2,5 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm |
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Additional products

| Item | Designation | Description |
|----------------|----------------------|--|
| General | | |
| 1897885 | EMC 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: press in |
| 1860728 | EMCV 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: press in |
| 1857964 | IMC 1,5/10-ST-3,81 | Plug component, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, type of connection: Screw connection |
| 1803358 | MC 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1908842 | MC 1,5/10-G-3,81 THT | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: SMD / THT |
| 1830033 | MCD 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1843156 | MCD 1,5/10-G1-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1830486 | MCDV 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1847819 | MCDV 1,5/10-G1-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1861808 | MCO 1,5/10-GL-3,81 | Header, nominal current: 8 A, rated voltage: 125 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1861727 | MCO 1,5/10-GR-3,81 | Header, nominal current: 8 A, rated voltage: 125 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |

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|---------|---------------------|---|
| 1803507 | MCV 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1837515 | MCVDU 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |
| 1832811 | MCVK 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Mounting rail |
| 1827350 | SMC 1,5/10-G-3,81 | Header, nominal current: 8 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 10, mounting: Soldering |

Drawings

Dimensioned drawing

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